

Name: Richard A. Elco	 Signature
Mailing Address: 26 Oakwood Avenue	Date of Signature: <u>28 Oct 99</u>
City/State of Actual Residence: Mechanicsburg, PA 17055	Citizenship: United States

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:****Richard A. Elco****Serial No.: Not yet assigned****Group Art Unit: Not yet assigned****Filed: Herewith****Examiner: Not yet assigned****For: WAVEGUIDES AND BACKPLANE SYSTEMS**

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

**ASSOCIATE POWER OF ATTORNEY**

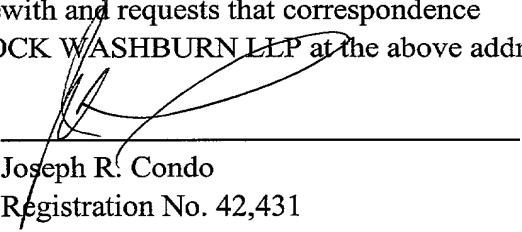
The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Steven B. Samuels	Registration No. 37,711
Dale M. Heist	Registration No. 28,425	Anthony J. Rossi	Registration No. 24,053
John W. Caldwell	Registration No. 28,937	Terence P. Strobaugh	Registration No. 25,460
Gary H. Levin	Registration No. 28,734	Michael J. Swope	Registration No. 38,041
Steven J. Rocci	Registration No. 30,489	Michael J. Bonella	Registration No. 41,628
Dianne B. Elderkin	Registration No. 28,598	Harold H. Fullmer	Registration No. 42,560
John P. Donohue, Jr.	Registration No. 29,916	John E. McGlynn	Registration No. 42,863
Henrik D. Parker	Registration No. 31,863	Jonathan M. Waldman	Registration No. 40,861
Suzanne E. Miller	Registration No. 32,279	Paul K. Legaard	Registration No. 38,534
Lynn B. Morreale	Registration No. 32,842	Chad Ziegler	Registration No. 44,273
Mark DeLuca	Registration No. 33,229	Gwilym J.O. Attwell	Registration No. 45,449
Joseph Lucci	Registration No. 33,307	David N. Farsiou	Registration No. 44,104
Michael P. Dunnam	Registration No. 32,611	Steven H. Meyer	Registration No. 37,189
Michael D. Stein	Registration No. 34,734	Paul B. Milcetic	Registration No. 46,261
Albert J. Marcellino	Registration No. 34,664	Michael K. Jones	Registration No. 41,100
David R. Bailey	Registration No. 35,057	Frank T. Carroll	Registration No. 42,392
Doreen Yatko Trujillo	Registration No. 35,719	Mark J. Rosen	Registration No. 39,822
Barbara L. Mullin	Registration No. 38,250	Eric H. Vance	Registration No. 47,151
Michael P. Straher	Registration No. 38,325	Peter M. Ullman	Registration No. 43,963
Kevin M. Flannery	Registration No. 35,871	Thomas E. Watson	Registration No. 43,243
David A. Cherry	Registration No. 35,099	Richard B. LeBlanc	Registration No. 39,495
Robert B. Washburn	Registration No. 16,574	Joseph D. Rossi	Registration No. 47,038
Norman L. Norris	Registration No. 24,196	Rosaleen P. Morris	Registration No. 47,321
Lynn A. Malinoski	Registration No. 38,788	George J. Awad	Registration No. 46,528

Steven D. Maslowski	Registration No. 46,905	Andrew J. Hagerty	Registration No. 44,141
S. Maurice Valla	Registration No. 43,966	Emma R. Dailey	Registration No. P48,491
Vincent J. Roccia	Registration No. 43,887	Stephen C. Timmins	Registration No. P48,481
Robin S. Quartin	Registration No. 45,028	Erich M. Falke	Registration No. P49,049
Patrick J. Farley	Registration No. 42,524	Jane Inglese	Registration No. P48,444
Gregory L. Hillyer	Registration No. 44,154	Janet E. Reed	Registration No. 36,252
Susan C. Murphy	Registration No. 46,221	Scott E. Scioli	Registration No. 47,930
Raymond N. Scott, Jr.	Registration No. P48,666	Lawrence A. Aaronson	Registration No. 38,369
David L. Marcus	Registration No. 46,897	John A. Harrelson	Registration No. 42,637
Christine A. Goddard	Registration No. 46,731	Jeffrey J. King	Registration No. 38,515
Ellen M. Klann	Registration No. 44,836		

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: October 12, 2001

  
Joseph R. Condo  
Registration No. 42,431

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439